BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2022-23/OW/WORK_INDENT54330

APPROVED SCHEDULE - B

No.E_/BTP/BBMP/E-PMT/18/2022-23, Date: 04-11-2022

Name of Work:Improvements to Roads and Drains at Vemanna Layout and Surrounding areas in Ward No. 13, (Doddabommasandra)

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of CHARAN N S ( )	
				In Figures	In Words
1	494.64	Removing and resetting of footpath slab	Sqm	246.52	Rupees Two Hundred Forty Six and Fifty Two Paise Only
2	294.29	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	214.63	Rupees Two Hundred Fourteen and Sixty Three Paise Only
3	15.24	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.	Cum	6408.76	Rupees Six Thousand Four Hundred Eight and Seventy Six Paise Only
4	11.34	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	6256.45	Rupees Six Thousand Two Hundred Fifty Six
5	21.60	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification.	Sqm	274.63	Rupees Two Hundred Seventy Four and Sixty Three Paise Only
6	10.20	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregate	Cum	6609.54	Rupees Six Thousand Six Hundred Nine and Fifty Four Paise Only
7	54.00	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials ~~of quality, con~~firming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately)	Cum	7230.80	Rupees Seven Thousand Two Hundred Thirty and Eighty Paise Only
8	3.24	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tonne	106354.96	Rupees One Hundred Six Thousand Three Hundred Fifty Four and Ninety Six Paise Only
9	295.92	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, copmplete.	Sqm	2173.53	Rupees Two Thousand One Hundred Seventy Three and Fifty Three Paise Only
10	18.00	Providing and Fixing pre cast Covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete. As per Engineer incharge	Sqm	5283.81	Rupees Five Thousand Two Hundred Eighty Three and Eighty One Paise Only
11	320.00	Supplying and fixing M15 grade precast cement concrete 600 x 300 x 150 mm Kerb Stone for Roadway, Sidewalls and gutters fixed with CM 1:3 fixed and finsihed in line as per direction of Engineer in charge.	Mtrs	488.10	Rupees Four Hundred Eighty Eight and Ten Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of CHARAN N S ( )	
				In Figures	In Words
12	96.00	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces.	Sqm	110.77	Rupees One Hundred Ten and Seventy Seven Paise Only
13	149.70	Earth work in surface Excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth.	Cum	75.00	Rupees Seventy Five Only
14	187.13	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	2762.44	Rupees Two Thousand Seven Hundred Sixty Two and Forty Four Paise Only
15	748.50	Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical	Cum	48.46	Rupees Forty Eight and Forty Six Paise Only
16	37.43	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction	Cum	10545.49	Rupees Ten Thousand Five Hundred Forty Five and Forty Nine Paise Only
17	2495.00	Providing and applying Tack Coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	16.15	Rupees Sixteen and Fifteen Paise Only
18	99.80	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction	Cum	12244.03	Rupees Twelve Thousand Two Hundred Forty Four and Three Paise Only
19	99.60	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes.	Sqm	551.56	Rupees Five Hundred Fifty One and Fifty Six Paise Only
20	417.35	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)	Cum	85.39	Rupees Eighty Five and Thirty Nine Paise Only
21	534.20	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km	T.Km	121.16	Rupees One Hundred Twenty One and Sixteen Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

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